

# Thermal Bridging



Property Reference	Montrose House	Issued on Date	05/10/2023
Assessment Reference	New Build	Prop Type Ref	Detached House
Property	Montrose House, Coronation Road, Ascot, SL5 9LP		

SAP Rating	83 B	DER	2.89	TER	8.34
Environmental	96 A	% DER < TER			65.35
CO <sub>2</sub> Emissions (t/year)	1.93	DFEE	45.53	TFEE	47.79
Compliance Check	See BREL	% DFEE < TFEE			4.73
% DPER < TPER	33.48	DPER	30.04	TPER	45.16

Assessor Details	Mr. Alexander Cotterill	Assessor ID	AV67-0001
Client			

	Junction details	Length (m)	Reference
External wall	E2 Other lintels (including other steel lintels)	78.84	
External wall	E3 Sill	42.59	
External wall	E4 Jamb	196.06	
External wall	E5 Ground floor (normal)	86.17	
External wall	E20 Exposed floor (normal)	1.71	
External wall	E6 Intermediate floor within a dwelling	132.59	
External wall	E10 Eaves (insulation at ceiling level)	90.22	
External wall	E14 Flat roof	31.02	
External wall	E16 Corner (normal)	79.00	
External wall	E17 Corner (inverted – internal area greater than external area)	47.30	

Y-Value:  W/m<sup>2</sup>K: